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DERWENT-ACC-NO: 1989-305059
DERWENT-WEEK: 198942
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TITLE: Recovery of ruthenium from ruthenium oxide covered resistors - by heating in presence of carbon in chlorine gas opt. with reducing gas and recovering ruthenium chloride

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PRIORITY-DATA: 1988JP-0050304 (March 3, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 01225730 A	September 8, 1989	N/A	004	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP01225730A	N/A	1988JP-0050304	March 3, 1988

INT-CL_(IPC): C22B011/06

ABSTRACTED-PUB-NO: JP01225730A

BASIC-ABSTRACT: Ru is recovered by heating a waste resistor body coated with a mixt. of Ru oxide and metal oxides (glass) in the presence carbon in Cl₂ gas or a mixed gas of Cl₂ and reducing gas stream to evaporate the Ru oxide and metal oxides as chlorides. Pref. the Ru chloride is then recovered with a complex salt forming agent.

USE - For easily recovering Ru from a waste resistor comprising a substrate of metal oxides and a mixt. of Ru oxide and metal oxides coated on the substrate.

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS:

RECOVER RUTHENIUM RUTHENIUM OXIDE COVER RESISTOR HEAT PRESENCE
CARBON CHLORINE
GAS OPTION REDUCE GAS RECOVER RUTHENIUM CHLORIDE

DERWENT-CLASS: L03 M25

CPI-CODES: L04; M25-G21;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1669U; 1781U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-135142